

WE CLAIM:

1. An antimicrobial composition comprising octoxyglycerin, a quaternary ammonium compound, and an antimicrobial agent selected from the group consisting of a biguanide compound, triclosan, phenoxyethanol, an iodine compound and parachlorometaxylenol.
2. The composition of claim 1 wherein the concentration of octoxyglycerin is between 1 and 5 percent (volume/volume).
3. The composition of claim 1 wherein the concentration of quaternary ammonium compound is between 0.01 and 0.3 percent.
4. The composition of claim 2 wherein the concentration of quaternary ammonium compound is between 0.01 and 0.3 percent.
5. The composition of claim 1 or 2 wherein the antimicrobial agent is a biguanide compound at a concentration of between 0.5 and 4 percent.
6. The composition of claim 5 wherein the biguanide compound is a chlorhexidine compound.
7. The composition of claim 3 or 4 wherein the antimicrobial agent is a biguanide compound at a concentration of between 0.5 and 4 percent.
8. The composition of claim 7 wherein the biguanide compound is a chlorhexidine compound.
9. The composition of claim 1 wherein the antimicrobial agent is triclosan at a concentration of between 0.1 and 2 percent.

10. The composition of claim 2 wherein the antimicrobial agent is triclosan at a concentration of between 0.1 and 2 percent.

11. The composition of claim 3 wherein the antimicrobial agent is triclosan at a concentration of between 0.1 and 2 percent.

12. The composition of claim 4 wherein the antimicrobial agent is triclosan at a concentration of between 0.3 and 2 percent.

13. The composition of claim 1 wherein the antimicrobial agent is phenoxyethanol at a concentration of between 0.3 and 2 percent.

14. The composition of claim 2 wherein the antimicrobial agent is phenoxyethanol at a concentration of between 0.3 and 2 percent.

15. The composition of claim 3 wherein the antimicrobial agent is phenoxyethanol at a concentration of between 0.3 and 2 percent.

16. The composition of claim 4 wherein the antimicrobial agent is phenoxyethanol at a concentration of between 0.3 and 2 percent.

17. The composition of claim 1 wherein the antimicrobial agent is parachlorometaxylenol at a concentration of between 0.3 and 2 percent.

18. The composition of claim 2 wherein the antimicrobial agent is parachlorometaxylenol at a concentration of between 0.3 and 2 percent.

19. The composition of claim 3 wherein the antimicrobial agent is parachlorometaxylenol at a concentration of between 0.3 and 2 percent.

20. The composition of claim 4 wherein the antimicrobial agent is parachlorometaxylenol at a concentration of between 0.3 and 2 percent.

21. The antimicrobial composition of claim 1 which further comprises between 20 and 85 percent (volume/volume) of ethanol.

22. The antimicrobial composition of claim 1 which further comprises between 20 and 85 percent (volume/volume) of isopropanol.

23. The antimicrobial composition of claim 1, 2 or 3 which further comprises between 3 and 10 percent (volume/volume) hexanol.

24. The antimicrobial composition of claim 1 which further comprises between 0.2 and 7 percent of a zinc compound selected from the group consisting of zinc gluconate, zinc oxide, zinc acetate, zinc stearate and zinc salicylate.

25. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.05 and 0.2 percent of benzalkonium chloride, and between 0.5 and 4 percent of chlorhexidine digluconate.

26. The antimicrobial composition of claim 25 which further comprises between 20 and 85 percent (volume/volume) of ethanol.

27. The antimicrobial composition of claim 25 which further comprises between 20 and 85 percent (volume/volume) of isopropanol.

28. The antimicrobial composition of claim 25 which further comprises between 3 and 10 percent (volume/volume) hexanol.

29. The antimicrobial composition of claim 25 which further comprises between 0.2 and 7 percent of a zinc compound selected from the group consisting of zinc gluconate, zinc oxide, zinc stearate and zinc salicylate.

30. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of a chlorhexidine compound, and between 1 and 2 percent of miconazole.

31. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of a chlorhexidine compound, and between 0.3 and 1 percent polymixin.

32. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of a chlorhexidine compound, and between 0.1 and 0.5 percent neomycin.

33. The composition of claim 32, further comprising between 0.3 and 1 percent polymixin.

34. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of a chlorhexidine compound, and between 1 and 2 percent silver sulfadiazine.

35. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of chlorhexidine digluconate, and between 1 and 2 percent of miconazole.

36. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of chlorhexidine digluconate, and between 0.3 and 1 percent polymixin.

37. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of chlorhexidine digluconate, and between 0.1 and 0.5 percent neomycin.

38. The composition of claim 37, further comprising between 0.3 and 1 percent polymixin.

39. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.5 and 4 percent of chlorhexidine digluconate, and between 1 and 2 percent silver sulfadiazine.

40. An antimicrobial composition comprising between 1 and 5 percent (volume/volume) octoxyglycerin, between 0.05 and 2 percent of chlorhexidine digluconate, between 0.3 and 2 percent of phenoxyethanol, between 0.01 and 0.3 percent of a quaternary ammonium compound, and between 20 and 85 percent of an alcohol selected from the group consisting of ethanol and isopropyl alcohol.